

INTERNATIONAL SEARCH REPORT

 International application No.
PCT/IB2005/050128

A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. ⁷ : E04H 006/04, 015/38 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) E04H 006/04, 015/38 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI - IPC E04H 006/04, 015/38 & Keywords (hoop+ OR arc+)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3465765 A (DIETZ) 9 September 1969 See the whole document	1-31
X	US 4886083 A (GAMACHE) 12 December 1989 See the claims and drawings	1-31
X	AU 55146/90 A1 (KRAWCZYNSKI) 22 November 1990 See the whole document	1-31
A	DE 2848077 A1 (UTH GEB SCHNEIDER) 14 May 1980 See the drawings	1-31
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 9 March 2005		Date of mailing of the international search report 17 MAR 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer S. GHOSH Telephone No : (02) 6283 2163

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 29818300 U1 (GÖTZE) 12 May 1999 See the drawings	1-31
A	EP 555791 B1 (CAMPANELLA) 18 September 1996 See the claims and drawings	1-31

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member
AU 199055146	
US 4886083	
US 3465765	
DE 2848077	
DE 29818300	
EP 0555791	
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.	
END OF ANNEX	